

Product datasheet for **TP305636L**

RBKS (NM_022128) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human ribokinase (RBKS), 1 mg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC205636 protein sequence
Red=Cloning site **Green**=Tags(s)

MAASGEPQRQWQEEVAAVVWGSCMTDLVSLTSRLPKTGETIHGHKFFIGFGGKGANQCVQAARLGAMTS
MVCKVGKDSFGNDYIENLKQNDISTEFTYQTKDAATGTASIIVNNEGQNIIVIVAGANLLLNTEDLRAAA
NVISRAKVMVCQLEITPATSLEALTMARRSGVKTLFNPAPAIADLDPQFYTLSDVFCCNESEAEILTGLT
VGSAADAGEAALVLLKRGCVWIITLGAEGCVLSQTEPEPKHIPTEKVKAVDTTGAGDSFVGALAFYLA
YYPNLSLEDMLNRSNFIAAVSVQAAGTQSSYPYKDLPLTLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 34 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_071411](#)

Locus ID: 64080



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UniProt ID: [Q9H477](#)

RefSeq Size: 1276

Cytogenetics: 2p23.2

RefSeq ORF: 966

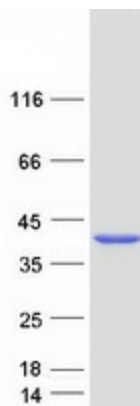
Synonyms: RBSK; RK

Summary: This gene encodes a member of the carbohydrate kinase PfkB family. The encoded protein phosphorylates ribose to form ribose-5-phosphate in the presence of ATP and magnesium as a first step in ribose metabolism. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]

Protein Families: Druggable Genome

Protein Pathways: Pentose phosphate pathway

Product images:



Coomassie blue staining of purified RBKS protein (Cat# [TP305636]). The protein was produced from HEK293T cells transfected with RBKS cDNA clone (Cat# [RC205636]) using MegaTran 2.0 (Cat# [TT210002]).